Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Listing of Claims

1. (Currently Amended) A wind turbine blade comprising:

one or more shape deformable airfoil[[s]] sections, wherein [[the]] an outer surface of each of the shape deformable airfoil[[s]] sections is substantially continuous in all of its shapes, wherein each shape deformable airfoil section comprises a substantially non-deformable part and one or more deformable parts, and

actuator means for providing [[the]] shape changes in the shape deformable airfoil sections, wherein the actuator means are(is) active means which provide(s) changes in shape by supplying said means with energy,

wherein an outer surface of at least one of the deformable parts is defined by skin made of a flexible material, wherein the said skin is attached to the substantially non-deformable part, and wherein the actuator means is situated within the skin, or

wherein at least one of the shape deformable parts is made of flexible material(s), wherein the actuator means is(are) an extendable beam(s) extending within the flexible material(s), and the extendable beam(s) is(are) made from a material composition(s) which elongation(s), shortening(s) and/or bending(s) is (are) controllable by applied electrical current(s). ~~each shape deformable airfoil section comprises a substantially non-deformable part and one or more deformable parts.~~

2.-3. (Canceled)

4. (Currently Amended) A wind turbine blade according to claim [[3]] 1, wherein at least one of the deformable parts is a shell construction in which the skin defines the shell.

5. (Currently Amended) A wind turbine blade according to claim 4, wherein the interior of the shell construction is occupied by a deformable supporting material., ~~such as a foam made of plastic or rubber.~~

6. (Currently Amended) A wind turbine blade according to claims [[3]] 1, wherein the transition between the outer surface of the substantially non-deformable part and the skin of the deformable parts is substantially smooth.~~, such as substantially continuous.~~

7. (Currently Amended) A wind turbine blade according to claim [[3]] 1, wherein the non-deformable part comprises abutment surfaces on which the skin abuts, the abutment surfaces being shaped so that the transition between the outer surface of the substantially non-deformable part and the skin is substantially smooth.~~, such as substantially continuous.~~

8.-13. (Canceled).

14. (Currently Amended) A wind turbine blade according to claim [[13]] 1, wherein the actuator means is(are) material composition(s) which elongation(s), shortening(s) and/or bending(s) is(are) controllable by applied electrical current(s)~~, e.g. being a smart material~~.

15. (Currently Amended) A wind turbine blade according to claim 14, wherein the material composition is sandwiched or embedded in the skin, ~~preferably~~ in such a manner that no slip between the material composition and the material of the skin occurs during deformation of the skin.

16.-17. (Canceled)

18. (Currently Amended) A wind turbine blade according to claim [[17]] 1, wherein the at least one deformable part is made solely of flexible material(s) and has one or more voids.

19.-20. (Canceled).

21. (Previously Presented) A wind turbine blade according to claim 1, wherein the substantially non-deformable part is a central part of the blade and wherein the one or more deformable parts are the leading edge region and/or the trailing edge region.

22. (Previously Presented) A wind turbine blade according to claim 1, wherein the substantially non-deformable part is a load carrying part.

23. (Previously Presented) A wind turbine having one or more wind turbine blades according to claim 1.

24. (Currently Amended) A method of controlling [[the]] operation condition(s) of a wind turbine [[blade]] comprising one or more blades each having one or more shape deformable airfoil sections; each or some of the shape deformable airfoil section(s) comprise(s) one or more of the features according to claim 1, said operation condition(s) being preferably the load on the blade(s), the power produced by the wind turbine, air induced noise, the stability of the wind turbine and/or the like; said method comprises controlling the shape of the shape deformable airfoil sections, wherein the changes in shape are performed so that no discontinuities are introduced in the surfaces of the airfoil[[s]] sections.

25.-27. (Canceled).

28. (Currently Amended) A method according to claim 24, wherein a typical time scale for a deformation to be introduced in the deformable airfoil sections, is lower than the time for one rotor rotation.~~, preferably lower than half the time for one rotor rotation, such as lower than one quarter for the~~
~~time for one rotor rotation, such as lower than the time it takes for a blade to rotate 10°, such as 15°.~~

29. (Previously Presented) A method according to claim 24, further comprising the step of setting and/or altering the full span pitch of each blade.

30. (New) A wind turbine blade according to claim 5, wherein the deformable supporting material is foam made of plastic or rubber.

31. (New) A method accordingly to claim 28, wherein the typical time scale for deformation is lower than one quarter of the time for one rotation.

32. (New) A wind turbine blade comprising:

a non-deformable part;

a deformable part connected to the non-deformable part;

a skin comprising flexible material; and

a sheet of smart material,

wherein the skin forms an outer layer of the deformable part,

wherein the sheet of smart material is located within the skin and is configured to receive control signals and thereby control movement of the deformable part based on the received control signals, and

wherein the connection between the non-deformable part and the deformable part is substantially continuous.

33. (New) A wind turbine blade comprising:

a non-deformable part;

a deformable part comprising flexible material and connected to the non-deformable part; and

a beam comprising smart material,

wherein the beam is attached to the non-deformable part and extends into the deformable part, said beam configured to receive control signals and thereby control movement of the deformable part based on the received control signals;

wherein the deformable part comprises one or more voids.